

# Compounding Pharmacies

## New Requirements for Compounding Pharmacies: USP<800>

Many pharmacies, both within medical centers and commercial pharmacies, are involved in compounding medications. The new standard by United States Pharmacopeia, USP<800>, requires compounding pharmacies across the United States to upgrade their ventilation systems. USP<800> protects common areas of the building by containing and exhausting the chemicals used in compounding medications. Using Greenheck pre-engineered products simplifies system design and reduces equipment lead times.



## Key points to ventilation per USP<800>:

- Have a separate room dedicated solely to measuring and compounding of the medications
- Use bio-safety cabinet or similar hood
- Maintain negative pressure in the room relative to adjacent rooms
- High room air changes per hour of 12 or 30 ACPH, depending on the design and operation
- Exhaust all air outside of building unless very specific filtration requirements are met






## The Greenheck Solution

The exhaust fumes from compounding pharmacies need to be handled appropriately to avoid re-entrainment and roof contamination issues. Greenheck's FumeJet® and Vektor® pre-engineered exhaust systems are the ideal solution because they meet the requirements of ANSI Z9.5, which calls for 3,000 ft/min. (15.2 m/s) nozzle velocities and NFPA 45, requiring a 10 ft. (3 m) overall discharge height.



## Pre-Engineered Exhaust Packages

	 <b>FJC / FJI</b>	 <b>Vektor-H</b>	 <b>Vektor-CH</b>
Initial Cost	\$	\$\$	\$\$\$
Roof Curb Mounted	Optional	Optional	-
10 ft. Stack (NFPA 45)	Optional	Standard	Standard
3,000 ft/min. Outlet Velocity (ANSI Z9.5)	Optional	Standard	Standard
Redundancy Exhaust	-	Optional	Optional
Spark Resistant	B or C	B	B or C
High Wind	115 mph	125 mph	125 mph
OSHPD Approved (Seismic Certification)	FJC only - Optional	-	Optional

For more information regarding the Greenheck Fume and Lab Exhaust Systems, visit [www.greenheck.com](http://www.greenheck.com) or consult your local Greenheck sales representative.

